

Listing of claims

Claims 1-43 (canceled)

1. ~~43.~~ (currently amended) A manikin having a removable piece attached thereto by a magnetic system comprising:
- (a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and
 - (b) an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly
- wherein said magnetic assembly is a cup magnetic assembly comprising a cup serving as a pole piece, said cup having at least one magnet therein.
2. ~~44.~~ (currently amended) The manikin of claim ~~43~~ wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than ~~about~~ three-fourths of an inch.
3. ~~45.~~ (currently amended) The manikin of claim ~~43~~ wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than ~~about~~ two-thirds of an inch.
4. ~~46.~~ (currently amended) The manikin of claim ~~43~~ wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of more than ~~about~~ one-half of an inch.
5. ~~47.~~ (currently amended) The manikin of claim ~~43~~ wherein said depth-of-pull is sufficient to cause the removable piece to begin to move toward the manikin at a distance of at least ~~about~~ one inch.
6. ~~48.~~ (previously amended) The manikin of claim ~~43~~ wherein said magnetic assembly has a depth-of-pull of at least 120 gauss at a distance of one inch.

7 ~~49~~ (currently amended) The manikin of claim ~~48~~⁶ wherein said magnetic assembly has a depth-of-pull of at least ~~about~~ 200 gauss at a distance of one inch.

8 ~~50~~ (currently amended) The manikin of claim ~~48~~⁶ wherein said magnetic assembly has a depth-of-pull of at least ~~about~~ 240 gauss at a distance of one inch.

9 ~~51~~ (currently amended) The manikin of claim ~~48~~⁶ wherein said magnetic assembly has a depth-of-pull of at most ~~about~~ 250 gauss at a distance of one inch.

10 ~~52~~ (previously amended) The manikin of claim ~~43~~¹ wherein said magnetic assembly has a depth-of-pull of at least 380 gauss at a distance of three-fourths inch.

11 ~~53~~ (previously amended) The manikin of claim ~~43~~¹ wherein said magnetic assembly has a depth-of-pull of at least 850 gauss at a distance of one-half inch.

12 ~~54~~ (previously amended) The manikin of claim ~~43~~¹ wherein said magnetic assembly has an on-contact strength of at least 0.5 pounds.

13 ~~55~~ (currently amended) The manikin of claim ~~54~~¹³ wherein said magnetic assembly has an on-contact strength of no more than ~~about~~ 20 pounds.

14 ~~56~~ (previously amended) The manikin of claim ~~43~~¹ wherein said magnetic assembly has an on-contact strength of at least 60 pounds.

15 ~~57~~ (currently amended) The manikin of claim ~~56~~¹⁴ wherein said magnetic assembly has an on-contact strength of at least ~~about~~ 85 pounds.

16 ~~58~~ (currently amended) The manikin of claim ~~56~~¹⁴ wherein said magnetic assembly has an on-contact strength of at least ~~about~~ 100 pounds.

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59. (currently amended) The manikin of claim 60 wherein said magnetic assembly has an on-contact strength no greater than about 120 pounds.

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60. (previously amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength no greater than 180 pounds.

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61. (previously amended) The manikin of claim 43 wherein said magnetic assembly is a cup magnetic assembly comprising a circular cup serving as a pole piece.

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62. (previously amended) The manikin of claim 61 wherein said magnetic assembly comprises a ring magnet positioned within said cup.

7, 1
63. Canceled.

64. Canceled.

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65. (previously amended) The manikin of claim 61 wherein said magnetic assembly comprises at least one neodymium magnet.

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66. (previously amended) The manikin of claim 65 wherein said magnetic assembly comprises two neodymium radial arc magnets touching a ceramic magnet but spaced apart from said pole piece.

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67. (previously amended) The manikin of claim 65 wherein said radial arc magnets are spaced apart from said pole piece at least one-eighth inch.

68-69 (withdrawn)

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(previously amended) The manikin of claim 43 wherein said magnetic system comprises a disc of attracted material for mating with said magnetic assembly which presents a planar circular face.

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(previously amended) The manikin of claim 43 wherein said attracted material is on said removable piece.

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(currently amended) The manikin of claim 43 wherein said attracted material is on said ~~form~~ manikin.

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(previously amended) The manikin of claim 43 comprising a removable piece comprising said attracted material at one end and said magnetic assembly on the other end.

74-76

(withdrawn)

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(previously amended) The manikin of claim 43 wherein said removable piece is selected from the group consisting of an arm, an upper arm, a lower arm, a hand, a leg, an upper leg, a lower leg, a foot, a head, a torso, a pelvis and a cap.

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(previously amended) The manikin of claim 43 wherein said magnetic assembly has an on-contact strength of no more than 20 pounds.

79-93

Canceled.

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(currently amended) The ~~form~~ manikin of claim 61, wherein the magnetic assembly comprises a magnet selected from the group consisting of neodymium magnets, samarium cobalt magnets, and amnico magnets.

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(withdrawn)

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(new) A manikin having a removable piece attached thereto by a magnetic system comprising:

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- (a) a magnetic assembly having a depth-of-pull sufficient to cause the removable piece to begin to move towards the manikin at a distance from the manikin of more than one-quarter of an inch, said magnetic assembly being positioned on said manikin or said removable piece; and
 - (b) an attracted material positioned on the other of said manikin or said removable piece so as to mate with said magnetic assembly wherein said magnetic assembly is sized for a life-sized manikin joint, has a depth of pull of at least 200 gauss at a distance of one inch, and has an on-contact strength between 85 pounds and 120 pounds.